

In the Claims

Listing of the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application.

1. (Currently Amended) A tissue adhesive comprising a cyanoacrylate in combination with an angiogenic factor.
2. (Currently Amended) A tissue adhesive according to claim 1 wherein the angiogenic factor is butyric acid or a derivative or precursor thereof.
3. (Currently Amended) A tissue adhesive according to claim 2 wherein the angiogenic factor is a butyric acid salt.
4. (Currently Amended) A tissue adhesive according to claim 3 wherein the angiogenic factor is a sodium, potassium, calcium, ammonium or lithium butyric acid salt.
5. (Currently Amended) A tissue adhesive according to claim 2 wherein the butyric acid, derivative or precursor thereof is present as a polymer containing residues of butyric acid or hydroxybutyric acid.
6. (Currently Amended) A tissue adhesive according to ~~claim~~claim 1 or 2 wherein the angiogenic factor is  $\alpha$ -monobutyryl,  $\alpha$ -dibutyryl,  $\beta$ -dibutyryl or tributyrin.
7. (Currently Amended) A tissue adhesive according to ~~claim~~claim 1 or 2 wherein the angiogenic factor is hydroxybutyrate.

8. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 7~~ wherein the cyanoacrylate is selected from the following group: alkyl 2-cyanoacrylate, alkenyl 2-cyanoacrylate, alkoxyalkyl 2-cyanoacrylate, or carbalkoxyalkyl 2-cyanoacrylate.
9. (Currently Amended) A tissue adhesive according to claim 8 wherein the alkyl group of said cyanoacrylates has 1 to 16 carbon atoms.
10. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 7~~ wherein the cyanoacrylate is selected from the following group: methyl 2-cyanoacrylate, ethyl 2-cyanoacrylate, n-propyl 2-cyanoacrylate, iso-propyl 2-cyanoacrylate, n-butyl 2-cyanoacrylate, iso-butyl 2-cyanoacrylate, hexyl 2-cyanoacrylate, n-octyl 2-cyanoacrylate, 2-octyl 2-cyanoacrylate, 2-methoxyethyl 2-cyanoacrylate, 2-ethoxyethyl 2-cyanoacrylate, and 2-propoxyethyl 2-cyanoacrylate.
11. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 10~~ that has an adhesive strength of at least 0.05 Mpa.
12. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 10~~ that has an adhesive strength of between 0.05 and 0.8 Mpa.
13. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 12~~ that releases at least 1ng/ml adhesive of the angiogenic factor.
14. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 12~~ that releases at least 10ng of the angiogenic factor.
15. (Currently Amended) A tissue adhesive according to ~~claim 1~~claim 1 ~~to 12~~ that releases less than 10µg of the angiogenic factor.

16. (Currently Amended) A tissue adhesive according to ~~claims~~claim 1  
~~to 12~~ that releases less than 1 $\mu$ g of the angiogenic factor.

17. (Currently Amended) A tissue adhesive according to ~~claims~~claim 1  
~~to 16~~ that contains at least 5% w/w of angiogenic factor.